

Amendments to The Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claims 1-30 (Canceled)

31. (New): A method for transferring remote files from a remote server to a local client, the method comprising the steps of:

receiving at the local client a portion request from a local portion requester to retrieve a portion of a remote file from the remote server to a local file at the client server, the remote file having one or more first portions preceding a second portion, the portion request comprising information specifying the second portion of the remote file;

determining the status of portions received from the remote file;

responsive to the portion request, when the status of the portions received indicates that the second portion has not been received at the local file and when one of the one or more first portions has not yet been received from the remote file, initiating from the local client the retrieval of the second portion of the remote file to the local file; and

when the second portion has been received at at second portion of the local file, making the second portion of the local file available to the portion requester.

32. (New): The method according to claim 31 comprising the further steps of:

receiving a file request at the local server from a local file requester to download all portions of the remote file to the local file;

responsive to the received file request, initiating the retrieval of all portions of the remote file to the local file;

responsive to the initiating the retrieval, retrieving all portions of the remote file to the local file; and

making the portions retrieved at the local file available to the file requester.

33. (New): The method according to claim 32 wherein the retrieval performed in response to the initiating the retrieval of all portions of the remote file skips portions already retrieved.

34. (New): The method according to claim 31 comprising the further steps of:

when the second portion has been received at the local file, continuing the retrieval of the remote file, the retrieval continuing at the location of the remote file following the end of the second portion.

35. (New): The method according to claim 31 comprising the further steps of:

when portions of the remote file have been received at the local file, retrieving not received portions of the remote file at the local file; and

when all portions of the remote file has been received at the local file, making all portions of the local file available to the file requester.

36. (New): The method according to claim 31 comprising the further step of creating the local file at a local client computer system.

37. (New): The method according to claim 36 wherein the local file created is portion addressable such that a downloaded portion can be directly accessed within the local file by a local client application.

38. (New): The method according to claim 31 wherein the requester is an application program of a local client computer system.

39. (New): The method according to claim 31 wherein the remote file comprises any one of binary data, text data, video data or audio data.

40. (New): A method for transferring local files from a local server to a remote client, the method comprising the steps of:

receiving a portion request from a remote portion requester to send a portion of a local file to a remote file, the local file having one or more first portions preceding a second portion, the portion request comprising information specifying the second portion of the local file; and

responsive to the portion request, when one of the one or more first portions has not yet been sent, sending the second portion of the local file to the remote file.

41. (New): The method according to claim 40 comprising the further steps of:

a local server future file application at the local server retrieving a data file data from a file system;

the remote server future file application saving the data file retrieved in the local file, the local file comprising portion addressable access to the portions of the local file for sending portions from the local file to the remote file.

42. (New): The method according to claim 40 comprising the further steps of:

receiving a file request from a remote file requester to send all portions of the local file to the remote file;

initiating the sending of all portions of the local file to the remote file.

43. (New): The method according to claim 40 comprising the further steps of:

when the second portion has been sent to the remote file, continuing the sending of the local file, the sending continuing at the portion of the local file following the end of the second portion.

44. (New): The method according to claim 40 comprising the further steps of:

when portions of the local file have been sent to the remote file, sending not yet downloaded portions of the local file to the remote file.

45. (New): The method according to claim 42 wherein sending portions in response to the initiating the download of all portions of the local file, skips portions already sent to the remote file.

46. (New): The method according to claim 40 comprising the further steps of:

receiving a remote portion request at the remote client from a portion requester application to retrieve the second portion of the local file to the remote file;

determining the status of the portions received at the local file;

responsive to the remote portion request, when the status of the portions received indicates that the second portion has not been received at the remote file and when one of the one or more first portions has not yet been received, sending the portion request to the local server; and

when the second portion has been received at the second portion of the remote file, making the second portion of the remote file available to the portion requester application.

47. (New): A system for transferring remote files from a remote server to a local client, the system comprising the steps of:

a network;

a remote computer system;

a local computer system in communication with the remote computer system via the network wherein the computer systems includes instructions to execute a method comprising the steps of:

receiving at the local client a portion request from a local portion requester to retrieve a portion of a remote file from the remote server to a local file at the client server, the remote file having one or more first portions preceding a second portion, the portion request comprising information specifying the second portion of the remote file;

determining the status of portions received from the remote file;

responsive to the portion request, when the status of the portions received indicates that the second portion has not been received at the local file and when one of the one or more first portions has not yet been received from the remote file, initiating from the local client the retrieval of the second portion of the remote file to the local file; and

when the second portion has been received at at second portion of the local file, making the second portion of the local file available to the portion requester.

48. (New): The system according to claim 47 comprising the further steps of:

receiving a file request at the local server from a local file requester to download all portions of the remote file to the local file;

responsive to the received file request, initiating the retrieval of all portions of the remote file to the local file;

responsive to the initiating the retrieval, retrieving all portions of the remote file to the local file; and

making the portions retrieved at the local file available to the file requester.

49. (New): The system according to claim 48 wherein the retrieval performed in response to the initiating the retrieval of all portions of the remote file skips portions already retrieved.

50. (New): A system for transferring remote files from a local server to a remote client, the system comprising the steps of:

a network;

a remote computer system;

a local computer system in communication with the remote computer system via the network wherein the computer systems includes instructions to execute a method comprising the steps of:

receiving a portion request from a remote portion requester to send a portion of a local file to a remote file, the local file having one or more first portions preceding a second portion, the portion request comprising information specifying the second portion of the local file; and

responsive to the portion request, when one of the one or more first portions has not yet been sent, sending the second portion of the local file to the remote file.

51. (New): The system according to claim 50 comprising the further steps of:

a local server future file application at the local server retrieving a data file data from a file system;

the remote server future file application saving the data file retrieved in the local file, the local file comprising portion addressable access to the portions of the local file for sending portions from the local file to the remote file.

52. (New): The system according to claim 50 comprising the further steps of:

when the second portion has been sent to the remote file, continuing the sending of the local file, the sending continuing at the portion of the local file following the end of the second portion.

53. (New): The system according to claim 50 comprising the further steps of:

receiving a remote portion request at the remote client from a portion requester application to retrieve the second portion of the local file to the remote file;

determining the status of the portions received at the local file;

responsive to the remote portion request, when the status of the portions received indicates that the second portion has not been received at the remote file and when one of the one or more first portions has not yet been received, sending the portion request to the local server; and

when the second portion has been received at the second portion of the remote file, making the second portion of the remote file available to the portion requester application.

54. (New): A computer program product for transferring remote files from a remote server to a local client, the computer program product comprising:

a storage medium readable by a processing circuit and storing instructions for execution by a processing circuit for performing a method comprising the steps of:

receiving at the local client a portion request from a local portion requester to retrieve a portion of a remote file from the remote server to a local file at the client server, the remote file having one or more first portions preceding a second portion, the portion request comprising information specifying the second portion of the remote file;

determining the status of portions received from the remote file;

responsive to the portion request, when the status of the portions received indicates that the second portion has not been received at the local file and when one of the one or more first portions has not yet been received from the remote file, initiating from the local client the retrieval of the second portion of the remote file to the local file; and

when the second portion has been received at at second portion of the local file, making the second portion of the local file available to the portion requester.

55. (New): The computer program product according to claim 54 comprising the further steps of:

receiving a file request at the local server from a local file requester to download all portions of the remote file to the local file;

responsive to the received file request, initiating the retrieval of all portions of the remote file to the local file;

responsive to the initiating the retrieval, retrieving all portions of the remote file to the local file; and

making the portions retrieved at the local file available to the file requester.

56. (New): The computer program product according to claim 55 wherein the retrieval performed in response to the initiating the retrieval of all portions of the remote file skips portions already retrieved.

57. (New): A computer program product for transferring local files from a local server to a remote client, the computer program product comprising:

a storage medium readable by a processing circuit and storing instructions for execution by a processing circuit for performing a method comprising the steps of:

receiving a portion request from a remote portion requester to send a portion of a local file to a remote file, the local file having one or more first portions preceding a second portion, the portion request comprising information specifying the second portion of the local file; and

responsive to the portion request, when one of the one or more first portions has not yet been sent, sending the second portion of the local file to the remote file.

58. (New): The computer program product according to claim 57 comprising the further steps of:

a local server future file application at the local server retrieving a data file data from a file system;

the remote server future file application saving the data file retrieved in the local file, the local file comprising portion addressable access to the portions of the local file for sending portions from the local file to the remote file.

59. (New): The computer program product according to claim 58 comprising the further steps of:

receiving a file request from a remote file requester to send all portions of the local file to the remote file;

initiating the sending of all portions of the local file to the remote file.

60. (New): The computer program product according to claim 58 comprising the further steps of:

receiving a remote portion request at the remote client from a portion requester application to retrieve the second portion of the local file to the remote file;

determining the status of the portions received at the local file;

responsive to the remote portion request, when the status of the portions received indicates that the second portion has not been received at the remote file and when one of the one or more first portions has not yet been received, sending the portion request to the local server; and

when the second portion has been received at the second portion of the remote file, making the second portion of the remote file available to the portion requester application.